

WHAT IS CLAIMED IS:

1. An electric motor, comprising a magnet holder provided in an inner periphery of a yoke, a terminal insertion hole provided in a feed connector provided in a brush holder, a terminal connected to a brush 5 is inserted to the terminal insertion hole, the yoke and the brush holder being connected,

wherein an engagement portion is provided in the terminal, a convex portion is provided in an end surface of the magnet holder, and the convex portion of the magnet holder is arranged and constructed to 10 be engaged with the engagement portion of the terminal under when the yoke and the brush holder are connected.

2. An electric motor as claimed in claim 1, wherein the convex portion of the magnet holder is insertable to the recess portion of the 15 brush holder via the engagement portion of the terminal.

3. An electric motor as claimed in claim 2, further comprising a partition wall sectioning the inner portion of the yoke when the brush holder is connected to the yoke, wherein a through hole shaped 20 ventilation communication passage is provided in the partition wall, an opening of the communication passage facing to a side of the magnet holder is formed as the recess portion, and the convex portion of the magnet holder is insertable to the recess portion via a narrow passage.

25 4. An electric motor as claimed in claim 1, wherein the terminal comprises a main body portion and a base end portion connected to the pigtail, wherein the engagement portion is notched in a concave shape

in both side portions of a main body portion close to the base end portion.

5. An electric motor as claimed in claim 4, wherein the terminal is formed in a flat plate shape, and a base end portion connected to the pigtail is a bent base end portion obliquely crossing to the main body portion.

6. An electric motor as claimed in claim 1, wherein a circular arc engagement convex portion is provided along an outer periphery of one end surface of the magnet holder, and convex portions provided in an end surface of the magnet holder are provided at a plurality of positions along an inner periphery of the circular arc engagement convex portion.

15

7. An electric motor as claimed in claim 2, wherein a circular arc engagement convex portion is provided along an outer periphery of one end surface of the magnet holder, and convex portions provided in an end surface of the magnet holder are provided at a plurality of positions along an inner periphery of the circular arc engagement convex portion.

8. An electric motor as claimed in claim 3, wherein a circular arc engagement convex portion is provided along an outer periphery of one end surface of the magnet holder, and convex portions provided in an end surface of the magnet holder are provided at a plurality of positions along an inner periphery of the circular arc engagement

convex portion.

9. A motor-driven power steering apparatus comprising the electric motor as claimed in claim 1, wherein the yoke of the electric motor is fixed to a housing, an assist shaft of a steering apparatus is supported to the housing, the assist shaft is connected to a rotation shaft of the electric motor, and the brush holder is clamped between the yoke and the housing.
5
10. 10. A motor-driven power steering apparatus comprising the electric motor as claimed in claim 2, wherein the yoke of the electric motor is fixed to a housing, an assist shaft of a steering apparatus is supported to the housing, the assist shaft is connected to a rotation shaft of the electric motor, and the brush holder is clamped between the yoke and the housing.
15
11. A motor-driven power steering apparatus comprising the electric motor as claimed in claim 3, wherein the yoke of the electric motor is fixed to a housing, an assist shaft of a steering apparatus is supported to the housing, the assist shaft is connected to a rotation shaft of the electric motor, and the brush holder is clamped between the yoke and the housing.
20
12. A motor-driven power steering apparatus comprising the electric motor as claimed in claim 4, wherein the yoke of the electric motor is fixed to a housing, an assist shaft of a steering apparatus is supported to the housing, the assist shaft is connected to a rotation
25

shaft of the electric motor, and the brush holder is clamped between the yoke and the housing.

13. A motor-driven power steering apparatus comprising the
5 electric motor as claimed in claim 5, wherein the yoke of the electric
motor is fixed to a housing, an assist shaft of a steering apparatus is
supported to the housing, the assist shaft is connected to a rotation
shaft of the electric motor, and the brush holder is clamped between
the yoke and the housing.

10

14. A motor-driven power steering apparatus comprising the
electric motor as claimed in claim 6, wherein the yoke of the electric
motor is fixed to a housing, an assist shaft of a steering apparatus is
supported to the housing, the assist shaft is connected to a rotation
15 shaft of the electric motor, and the brush holder is clamped between
the yoke and the housing.

15. A motor-driven power steering apparatus comprising the
electric motor as claimed in claim 7, wherein the yoke of the electric
20 motor is fixed to a housing, an assist shaft of a steering apparatus is
supported to the housing, the assist shaft is connected to a rotation
shaft of the electric motor, and the brush holder is clamped between
the yoke and the housing.

25 16. A motor-driven power steering apparatus comprising the
electric motor as claimed in claim 8, wherein the yoke of the electric
motor is fixed to a housing, an assist shaft of a steering apparatus is

supported to the housing, the assist shaft is connected to a rotation shaft of the electric motor, and the brush holder is clamped between the yoke and the housing.